



**Chesterfield County, Virginia**  
**Department of Building Inspection**

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**WILLIAM D. DUPLER**

**Building Official**

## **RESIDENTIAL SWIMMING POOL AFFIDAVIT**

**Property owner's acknowledgement of responsibilities associated with the issuance of permits for the installation of a residential swimming pool, swimming pool barrier, and associated electrical equipment.**

Property Address: \_\_\_\_\_

Owner: \_\_\_\_\_

Swimming Pool

Permit Number: \_\_\_\_\_

As owner of the above mentioned property, I hereby acknowledge and agree to the following conditions associated with the permit for, and installation of, a residential swimming pool:

1. Prior to the use of the swimming pool, all required inspections of the pool, its barrier (temporary or permanent) and its associated electrical equipment shall be approved.
2. Any temporary barrier installed for the purpose of obtaining a final pool inspection shall be maintained until replacement with an approved, permanent barrier.
3. The permanent barrier will be installed within thirty (30) days of receiving a final pool inspection.
4. As the owner, I understand that I have sole responsibility for code compliance for all construction associated with a permit obtained in my name as owner.
5. I have read the "Swimming Pool Barrier and Electrical Code Requirement Fact Sheet" and, as a permit applicant, I understand the code requirements for which I am responsible for meeting.
6. As owner, I understand the pool permit will not issue until the Department of Building Inspection is in receipt of corresponding applications for the barrier and electrical permits.

Signature of Owner: \_\_\_\_\_

Witness: \_\_\_\_\_

Name of Pool

Contractor: \_\_\_\_\_

Date: \_\_\_\_\_

## Swimming Pool Barrier and Electrical Code Requirement Fact Sheet

### Barrier Requirements

**Outdoor Swimming Pool:** An outdoor swimming pool, including an in-ground, aboveground or on-ground pool, hot tub or spa shall be provided with a barrier which shall comply with the following:

1. The top of the barrier shall be at least 48 inches above grade, measured on the side of the barrier which faces away from the swimming pool. The maximum vertical clearance between grade and the bottom of the barrier shall be 2 inches, measured on the side of the barrier that faces away from the swimming pool. Where the top of the pool structure is above grade, such as an aboveground pool, the barrier is permitted to be at ground level such as the pool structure, or mounted on top of the pool structure. Where the barrier is mounted on top of the pool structure, the maximum vertical clearance between the top of the pool structure and the bottom of the barrier shall be 4 inches.
2. Openings in the barrier shall not allow passage of a 4-inch-diameter sphere.
3. Solid barriers which do not have openings, such as a masonry or stone wall, shall not contain indentations or protrusions except for normal construction tolerances and tooled masonry joints.
4. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is less than 45 inches, the horizontal members shall be located on the swimming pool side of the fence. Spacing between vertical members shall not exceed 1  $\frac{3}{4}$  inches in width. Where there are decorative cutouts within vertical members, spacing within cutouts shall not exceed 1  $\frac{3}{4}$  inches in width.
5. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is 45 inches or more, spacing between vertical members shall not exceed 4 inches. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1  $\frac{3}{4}$  inches in width.
6. Maximum mesh size for chain link fences shall be a 2  $\frac{1}{4}$ -inch square unless the fence is provided with slats fastened at the top or the bottom which reduce the openings to not more than 1  $\frac{3}{4}$  inches.
7. Where the barrier is composed of diagonal members, such as a lattice fence, the maximum opening formed by the diagonal members shall not be more than 1  $\frac{3}{4}$  inches.
8. Access gates shall comply with 1 through 7 above, and shall be equipped to accommodate a locking device. Pedestrian access gates shall open outward away from the pool and shall be self-closing and have a self-latching device. Gates other than pedestrian access gates shall have a self-latching device. Where the release mechanism of the self-latching device is located less than 54 inches from the bottom of the gate, the release mechanism and openings shall comply with the following:
  - The release mechanism shall be located on the pool side of the gate at least 3 inches below the top of the gate, and
  - The gate and barrier shall have no opening greater than  $\frac{1}{2}$  inch within 18 inches of the release mechanism.
9. Where a wall of a dwelling serves as part of the barrier, one of the following conditions shall be met:
  - The pool shall be equipped with a powered safety cover in compliance with ASTM F1346; or

- All doors with direct access to the pool through that wall shall be equipped with an alarm which produces an audible warning when the door and its screen, if present, are opened. The alarm shall sound continuously for a minimum of 30 seconds immediately after the door is opened and be capable of being heard throughout the house during normal household activities. The alarm shall automatically reset under all conditions. The alarm system shall be equipped with a manual means, such as touchpad or switch, to temporarily deactivate the alarm for a single opening. Such deactivation shall last for not more than 15 seconds. The deactivation switch(es) shall be located at least 54 inches above the threshold of the door; or
  - Other means of protection, such as self closing doors with self-latching devices, which are approved by the department of building inspections, shall be acceptable so long as the degree of protection afforded is not less than the protection afforded by the previously described methods.
10. Where an aboveground pool structure is used as a barrier or where the barrier is mounted on top of the pool structure, and the means of access is a ladder or steps, then:
- The ladder or steps shall be capable of being secured, locked or removed to prevent access. When the ladder or steps are secured locked or removed any opening created shall not allow the passage of a 4-inch diameter sphere; or
  - The ladder or steps shall be surrounded by a barrier which meets the requirements of 1 through 9 above.

**Note:** Temporary barriers must remain in place until the permanent barrier is completed and approved. Permanent barrier must be installed within 30 days.

### **Electrical Code Requirements**

At least one Ground Fault Circuit Interrupter (GFCI) protected, 125-volt, 15- or 20-ampere general purpose receptacle shall be located between 10 and 20 feet from the inside wall of the pool at a height of not more than 6 feet 6 inches above the pool apron.

Receptacles that provide power for water pump motors or other loads directly related to the circulation and sanitation system shall be permitted to be located between 5 feet and 10 feet from the inside walls of the pool and shall be single outlets and of the locking and grounding type. They are required to be protected by a ground fault circuit interrupter.

Any 125-volt outdoor receptacle located within 20 feet of the inside wall of a pool must be GFCI protected.

Switches shall not be located within 5 feet horizontally of the inside wall of the pool unless separated from the pool by a fence or wall.

An accessible power disconnecting means (for equipment associated with the pool) shall be provided and located within sight of the pool, not closer than 5 feet from the inside wall of the pool.

### **Required Inspections**

For the electrical permit – trench, swimming pool bonding, rough, and final electrical  
 For the pool permit – footing (if applicable), and final pool  
 For the barrier permit – final barrier

For more information about pools, hot tubs, and spas, visit our website at [www.chesterfield.gov/bi](http://www.chesterfield.gov/bi) click on "Residential Information", under the heading "Residential Forms and Fees," click on "Forms Residential." Under the heading, "Forms for Special Situations," select "Information for swimming pools."